What is claimed is:

1. A dental articulator comprising:

a plurality of circular plates (4) varying in thickness;

a lower frame (23) provided with a lower jaw model supporting portion (21) in its upper surface, wherein a lower jaw model (20) is detachably mounted on an upper surface of said lower jaw model supporting portion (21) through a selected one of said circular plates (40), wherein each of said circular plates (40) forms a height-control means;

a stand portion (30) disposed upright in a rear portion of said lower frame (23);

an upper frame (13) provided with an upper jaw model supporting portion (11) in its lower surface, said upper fame (13) being articulately connected to said stand portion (30), wherein an upper jaw model (10) is detachably mounted on a lower surface of said upper jaw model supporting portion (11) through a selected one of said circular plates (40);

wherein a selected one of said circular plates (4) is interposed between a jaw model supporting portion (11, 21) and a circular planar stage (16, 24) to enable said lower jaw model (20) and said upper jaw model (10) to move independently of one other in height control without causing any inclination of said lower jaw model (20) and said upper jaw model (10).

2. The dental articulator as set forth in claim 1, wherein said height-control means is constructed of a calibrated cylinder (43) slidably mounted in each of said frames (13, 23).

3. The dental articulator as set forth in claim 1, wherein said height-control means is constructed of an adjusting shaft (31) disposed inside said stand portion (30).

4. A method for adjusting an occlusion height in preparing a new denture from an existing one by using a dental articulator provided with a mechanism for adjusting the occlusion height defined between an upper jaw model supporting portion and a lower jaw model supporting portion, wherein these supporting portions are adjustable in height independently of each other, and an upper jaw model and a lower jaw model are detachably mounted on said upper jaw model supporting portion and said lower jaw model supporting portion, respectively, the method comprising the steps of:

forming and modifying in shape a dam in a border portion of said existing denture, wherein said dam formed in said border portion of said existing denture is brought into contact with a mucous membrane of a patient's oral cavity and thereby modified in shape by the contact with said mucous membrane so as to fit said membrane, wherein the existing denture provided with said dam thus formed and modified in shape in said border portion is referred to as the modified existing denture;

loading an impression material in a tissue side of said modified existing denture, wherein said impression material thus loaded is brought into detachable contact with said mucous membrane of the patient's oral cavity by the insertion in said oral cavity of said modified existing denture having been loaded with said impression material to obtain the impression of said oral cavity in said

impression material of said modified existing denture, wherein said modified existing denture provided with the impression of said oral cavity is referred to as the impressed existing denture;

measuring said impressed existing denture in thickness in a plurality of portions thereof to determine an average thickness of said impressed existing denture;

pouring gypsum on an impression side of said impressed existing denture to permit said gypsum to be set or hardened, so that a dental stone negative mold of said impressed existing denture is obtained with respect to each of an upper and a lower existing denture;

mounting an occlusion planar plate (70) on the dental articulator (1), wherein said dental stone negative mold of said impressed upper existing denture is temporarily mounted on said occlusion planar plate (70) and has its impression side bonded to said upper jaw model supporting portion (11) by means of gypsum;

dismounting said occlusion planer plate (70) from said dental articulator (1), wherein said impressed upper existing denture having been bonded to said upper jaw model supporting portion (11) is mated with the corresponding impressed lower existing denture to form them into a single unit by means of a band, wherein said single unit has the impression side of its impressed lower existing denture bonded to said lower jaw model supporting portion (21);

dismounting said impressed upper existing denture from said upper jaw model supporting portion (11) to form an upper dental stone negative mold of said upper impressed existing denture, wherein said impressed lower existing denture is dismounted from said lower jaw model supporting portion (23) to form a lower dental stone negative mold of said lower jaw model supporting portion (23); and

adjusting the occlusion height with reference to said average

thickness of said impressed existing denture, wherein the adjustment is conducted by adjusting in level said upper jaw model supporting portion (11) and said lower jaw model supporting portion (21) independently of each other.